ID de Contribution: **66** Type: **Ordinary**

ATLAS+CMS: Collecting and analysing data with 200 PU, (detector designs, analysis techniques, ...)

mercredi 18 mars 2015 10:20 (15 minutes)

Detector layouts for the Phase 2 upgrades of ATLAS and CMS, designed for operation at the High-Lumionsity LHC (HL-LHC) under conditions with pile-up of 140 and beyond, will be presented and discussed. The event reconstruction performance and techniques implied by these detectors and experimental conditions will be demonstrated, and possibilities for further developments will be explored. The physics reach obtainable with the upgraded detectors at HL-LHC will be shown for a selection of possible HL-LHC measurements.

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Classification de Session: Standard Model

Classification de thématique: Experiment